

In the Claims:

Please amend the claims as follows:

1. (currently amended) A method for retrieving and accessing data stored in a plurality of systems arranged for operating part of one or more electrical power networks, the ~~which~~ method ~~comprises~~ comprising:

adding a new object into a first system, ~~characterised by subsequently~~  
adding a copy of the new object into a plurality of relevant systems,  
establishing automatically a connection between said relevant systems and the new object,

replicating data related to the new object to other systems and relevant systems, and  
establishing the consistency of accessed or retrieved data in the relevant systems by means of mapping the new object using a model based on a structured text document, and ~~thereafter~~

checking the consistency of attributes of the accessed or retrieved data by identifying the new or a given object and/or copies of the new or a given object and comparing attributes of all copies of the same new or given object.

2. (currently amended) A The method according to claim 1, ~~characterised by further~~ comprising:

maintaining object connections (~~links~~) for the new object and for any other object accessed, retrieved and/or stored by a SCADA system as well as by any system from the list of:

GIS system, ERP system, CMMS system, PM system, WO system, WMS system.

3. (currently amended) A The method according to claim 2, ~~characterised by further~~  
comprising:

mapping the new object and/or copies of the new object using a model based on a  
CIM/XML document.

4. (currently amended) A The method according to claim 2, ~~characterised by further~~  
comprising:

mapping attributes of the new object and/or copies of the new object using a model based  
on a CIM/XML document.

5. (currently amended) A The method according to claim 1, ~~characterised by further~~  
comprising:

establishing the automatic connection or connections between copies of the same object  
in different systems means of a CIM/XML layer (1).

6. (currently amended) A The method according to claim 1, ~~characterised by further~~  
comprising:

mapping the new object by means of a virtual asset register (10) dependent on the  
CIM/XML layer (1) and/or mapping.

7. (currently amended) A The method according to claim 1, ~~characterised by further~~

comprising:

selecting an object by means of an identifier in any said relevant system.

8. (currently amended) A The method according to claim 7, ~~characterised in that~~  
wherein the identifier may be a Uniform Resource Identifier URI (~~Uniform Resource Identifier~~)  
compatible as an identifier with a standard for Resource Description Framework RDF (~~Resource~~  
~~Description Framework~~).

9. (currently amended) A The method according to claim 4, ~~characterised by further~~  
comprising:

accessing one or more object attributes of the new object and changing an object attribute  
of the new object in a source system (~~owner, the first system~~).

10. (currently amended) A The method according to claim 4, ~~characterised by further~~  
comprising:

updating an object attribute of the new object in the source system (~~owner, the first~~  
~~system~~).

11. (currently amended) A The method according to claim 1, ~~characterised by further~~  
comprising:

creating the new object in each relevant system based on object templates.

12. (currently amended) A The method according to claim 1, ~~characterised by further~~

comprising:

deleting an object by deleting the object in all relevant systems.

13. (currently amended) A The method according to claim 12, ~~characterised by~~ further comprising:

deleting an object by deleting a defined object in each system.

14. (currently amended) A The method according to claim 13, ~~characterised by~~ further comprising:

deleting an object by deleting object connections (~~links~~) to a deleted object or deleted defined object.

15. (currently amended) A computer program product for retrieving and accessing data stored in a plurality of systems arranged for operating part of one or more electrical power networks, the computer program product comprising:

a computer readable medium; and

software code portions or computer code recorded on the computer readable medium to cause a computer or processor to carry out the steps of ~~a method according any of claims 1-14~~

adding a new object into a first system,

adding a copy of the new object into a plurality of relevant systems,

establishing automatically a connection between said relevant systems and the new

object,

replicating data related to the new object to other systems and relevant systems,

establishing the consistency of accessed or retrieved data in the relevant systems by means of mapping the new object using a model based on a structured text document, and checking the consistency of attributes of the accessed or retrieved data by identifying the new or a given object and/or copies of the new or a given object and comparing attributes of all copies of the same new or given object.

16. (cancelled)

17. (currently amended) A computer-based system for retrieving and accessing data stored in a plurality of systems arranged for operating part of one or more electrical power networks, ~~characterised in that~~ said computer-based system ~~comprises~~ comprising:

a plurality of databases, ~~and~~

a data communication network and which system includes an HMI providing navigation and access to at least one SCADA system and/or database as well as to any system and/or database from the list of: ERP, GIS, CMMS, WO, WMS, PM,

means for establishing the consistency of accessed or retrieved data in the relevant systems by means of mapping the new object using a model based on a structured text document, and

one or more members for checking the consistency of attributes of any data so accessed or retrieved data by identifying the or each new or given object and/or copies of the new or given object in any separate system and comparing attributes of all such copies of the same new or given object from each of the separate systems.

18. (currently amended) A The computer-based system according to claim 17,  
~~characterised by~~ further comprising:

one or members for: adding a new object; automatically establishing a connection between said relevant systems and the new object; and for replicating data related to the new object to other systems and relevant systems.

19. (currently amended) A The computer-based system according to claim 18,  
~~characterised by~~ further comprising:

one or members for: maintaining object connections; providing connection or connections by means of a layer with a structured text document protocol; and mapping the new object by means of a structured text document model.

20. (currently amended) A The computer-based system according to claim 19,  
~~characterised in that~~ wherein any of: the structured text document protocol layer, or the structured text document means for mapping the new object are implemented with a CIM/XML model.

21. (currently amended) A The computer-based system according to claim 17,  
~~characterised by~~ further comprising:

a virtual asset register.

22. (currently amended) A The computer-based system according to claim 21,  
~~characterised in that~~ wherein said asset register comprises a list of power network assets which

list comprises in turn cross reference and mapping data for objects represented and/or stored in a SCADA system as well as in any system from the list of: GIS system, ERP system, CMMS system.

23. (currently amended) A The computer-based system according to ~~any of claims 21-22, characterised that~~ claim 21, wherein said asset register comprises a list of references for all objects representing individual items of physical and/or logical equipment comprised in the one or more parts of the said power network.

24. (currently amended) A The computer-based system according to claim 23, ~~characterised in that~~ wherein the list comprises a master list of all objects in the one or more parts of the said power network together with the mapping data for each object according to a CIM model.

25. (currently amended) A The computer-based system according to claim 24, ~~characterised in that~~ wherein object data for the objects comprised in the master list of the asset register is stored in at least one separate system including any of a system for: SCADA, GIS, CMMS, ERP, PM, WO.

26. (currently amended) A The computer-based system according to claim 24, ~~characterised in that~~ wherein the asset register is a virtual asset register, which does not comprise any object data for the objects comprised in the master list and comprises only link information or cross reference data or mapping data.

27. (currently amended) A The computer-based system according to claim 17,  
~~characterised by~~ further comprising:  
a virtual asset register implemented according to an XML or CIM model or document.

28. (currently amended) A The computer-based system according to claim 17,  
~~characterised by~~ further comprising:  
an HMI that may comprise object data accessed or retrieved or stored in a SCADA  
system and/or database as well object data originating in any system and/or database from the list  
of: ERP, GIS, CMMS, WO, PM.

29. (currently amended) A The computer-based system according to claim 17,  
~~characterised in that it comprises~~ further comprising:  
a human-machine interface for retrieving and accessing data stored in a plurality of  
systems arranged for operating part of one or more electrical power networks, which HMI  
comprises a display including data accessed or retrieved from or stored in a SCADA system, and  
also comprising data accessed or retrieved from or stored in any from the list of: GIS system,  
ERP system, CMMS system, PM system, WO system.

30. (currently amended) A The computer-based system according to claim 29,  
~~characterised in that~~ wherein the human-machine interface ~~comprise~~ comprises at least one  
graphical user interface with means for manipulation of the data retrieved from or stored in the  
SCADA and any of the systems for GIS and/or ERP and/or CMMS.



31. (currently amended) A The computer-based system according to claim 29, ~~characterised in that~~ wherein said human-machine interface reads out any object property independent of source.

32. (currently amended) A The computer-based system according to claim ~~29-31~~, ~~characterised in that~~ 29, wherein the human-machine interface ~~comprise~~ comprises means to provide access to simultaneous data stored in or held by any of the list of: SCADA system, GIS system, ERP system, CMMS system, PM system, WO system.